

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization
International Bureau**



A standard linear barcode is located at the bottom of the page, spanning most of the width. It is used for tracking and identification of the document.

(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/000700 A1

(51) International Patent Classification⁷: B65D 43/26

A. [US/US]; 6487 Thorneycroft Drive, Shelby Township, MI 48316-3348 (US). ZELL, Harold, E. [US/US]; 101 Worthing Road, St. Simons Island, GA 31522-1928 (US).

(21) International Application Number:
PCT/US2004/018351

(74) Agent: **FRASER, Donald, R.**; Fraser Martin Buchanan Miller LLC, 132 West Second Street, Perrysburg, OH 43551-1401 (US).

(22) International Filing Date: 9 June 2004 (09.06.2004)

(81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PY, SL, TT, DO, DV, SC, SD, SE, SG, SK, SI, SY, TH, TZ, UG, VU, ZA, ZM, ZW

(25) Filing Language: English

(30) Priority Data:

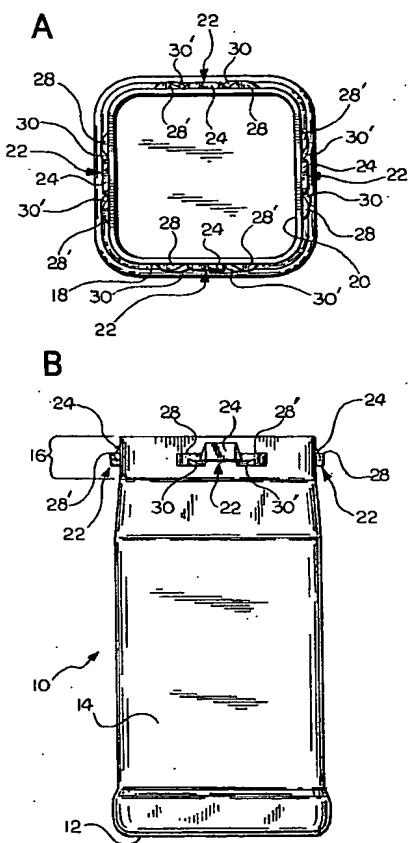
(71) **Applicant (for all designated States except US): EFFICIENT CONTAINER COMPANY [US/US]; P.O. Box 20287, St. Simons Island, GA 31522 (US).**

(72) Inventors; and
(75) Inventors/Applicants (*for US only*): PARKS, Lawrence

(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: CONTAINER AND CLOSURE COMBINATION



(57) Abstract: A closure (40) and container (10) combination which includes a closing and opening assist mechanism (22, 28, 28', 30, 30') which provides for spreading the locking mechanism (46) of the closure and causing a lifting movement of the closure to effect the removal of the closure from the container.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.